

Special Issue

Better Understanding of Fruit Science: Mechanism and Regulation of Fruit Ripening

Message from the Guest Editors

Fruit ripening is a very complex process. Exploring the regulation mechanisms underlying ripening can not only theoretically help us elucidate the developmental stages of plants, but also provide a theoretical basis for improving fruit quality and prolonging storage time.

Environmental factors and endogenous hormones, through transcriptional and protein post-translational regulatory mechanisms, influence the stability and activity of related signaling molecules in fruit ripening. Given the rapid development and potential value of this research field, we encourage the submission of the latest findings (in the form of original research papers, perspectives, hypotheses, opinions, and reviews) to this Special Issue focused on the Mechanism and Regulation of Fruit Ripening. Topics of interest include, but are not limited to: the development of novel technology for regulating fruit ripening, analyzing the gene regulatory network of fruit ripening and factors affecting quality formation during fruit ripening.

Guest Editors

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Deadline for manuscript submissions

closed (5 August 2023)



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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
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